

II. CLAIM AMENDMENTS

1. (Currently Amended) An expansion card, wherein the card is arranged to be fitted in an expansion card connection of an electronic device, such as a data processor, and which card comprises a frame part, wherein the card is provided with an antenna structure which is a rod structure comprising a first end and a second end, the first end for receiving and transmitting signals, and the second end of the rod structure being adapted to be placed movably inside said frame part so that the second end moves in relation to the frame, wherein said antenna structure is arranged to be movable by inserting the first end of the antenna structure into an interior of the frame of said card and extending the first end outside the frame, and wherein the antenna structure comprises a contact pin for electrically connecting the antenna structure to a circuit board when the contact pin makes electrical contact with a first contact spring on the circuit board.

2. (Previously Presented) The expansion card according to claim 1, wherein it is a wireless communication device card, wherein said frame part is provided with means for processing signals, and that the second end of said antenna structure is provided with connecting means for transferring signals between said antenna structure and said means for processing signals.

3. (Previously Presented) The expansion card according to claim 1, wherein it is formed at least partly as a card complying with

a standard, such as the PCMCIA standard, being preferably 85.6 mm long, preferably 54 mm wide and preferably not more than 3.3 mm, 5.0 mm or 10.5 mm thick.

4. (Previously Presented) The expansion card according to claim 1, wherein the frame part comprises connector means for connecting said card electrically to said expansion card connection, wherein the antenna structure is arranged to be pushed out at the opposite end of said card with respect to said connector means.

5. (Previously Presented) The expansion card according to claim 1, wherein said antenna structure is arranged to be pushed out by a spring means fitted inside said card.

6. (Previously Presented) The expansion card according to claim 1, wherein said antenna structure is arranged to be locked at its first position, by first inserting it by pushing it inwards, further than its first position, wherein locking is activated, ~~and then releasing it, and allowing it to move back to its first~~ position, in which said antenna structure is, preferably entirely, inside said card, and that said antenna structure is arranged to move from the first position to its second position by first pushing said antenna structure inwards, further than its first position, and then releasing it, wherein locking is deactivated, and allowing it to move back past its first position and stop at its second position, wherein in the second position said antenna structure extends, preferably as far as possible, outside said card.

7. (Previously Presented) The expansion card according to claim 6, wherein said antenna structure is arranged to be locked in its position by means of locking means fitted in connection with the second end, which locking means comprise a pivoting position lever arranged to be deflected sideways and back again and arranged to be guided by lever guides, which lever guides are arranged upon inserting said antenna structure to deflect said position lever to a position which prevents the pushing out of said antenna structure and thereby activating locking, and are arranged upon pushing said antenna structure further inwards to allow the return of said position lever to a position which allows the pushing out of said antenna structure and thereby activating locking.

8. (Previously Presented) The expansion card according to claim 7, wherein said lever guides comprise at least a first part which comprises side surfaces arranged to be followed by a pin fitted in said position lever and behind which said pin is arranged to be set when being deflected at the same time, and also a second part which is arranged to keep said pin, which has passed the first part, deflected and to guide it behind the first part for activating locking.

9. (Previously Presented) The expansion card according to claim 7, wherein said position lever is arranged at the second end of said antenna structure, and that said lever guides are fitted in a fixed manner inside said frame part.

10. (Previously Presented) A method in the manufacture of an expansion card, wherein the card is arranged to be fitted in the expansion card connection of an electronic device, such as a data processor, and which card comprises a frame part, wherein the card is provided with an antenna structure which is a rod structure comprising a first end and a second end, the first end provided with an antenna part for receiving and transmitting signals, and the second end of the rod structure adapted to be placed movably inside said frame part so that the second end moves in relation to the frame, wherein said antenna structure is arranged to be movable relative to the frame part of said card by the first end being adapted to be retracted into an interior of said frame part and the first end being adapted to be extended outside said frame part of said card.

11. (Currently Amended) An antenna structure which is arranged to be fitted in a wireless communication device, wherein the device comprises a frame part provided with means for processing signals, wherein said antenna structure is a rod structure comprising a first end and a second end, the first end being provided with an antenna part for receiving and transmitting signals, and the second end being adapted to be placed movably inside said frame part so that the second end is movable in relation to the frame, and which is provided with connecting means for transferring signals between said antenna structure and said means, wherein said antenna structure is arranged to be movable relative to said frame part of the wireless communication device by inserting the first end of the antenna structure into said wireless communication device and extending the first end outside said wireless communication device, and wherein the antenna structure comprises a contact pin for electrically

connecting the antenna structure to a circuit board when the contact pin makes electrical contact with a first contact spring on the circuit board.

12. (Previously Presented) The antenna structure according to claim 11, wherein it is arranged to be pushed out by a spring means fitted inside said frame part.

13. (Previously Presented) The antenna structure according to claim 11, wherein it is arranged to be locked in its position with locking means fitted in connection with the second end, which locking means comprise a pivoting position lever arranged to be deflected sideways and back again and arranged to be guided by lever guides, which lever guides are arranged upon inserting said antenna structure to deflect said position lever to a position which prevents the pushing out of said antenna structure and thereby activating locking, and are arranged upon pushing said antenna structure further inwards to allow the return of said position lever to a position which allows the pushing out of said antenna structure and thereby activating locking.

14. (Previously Presented) The antenna structure according to claim 13, wherein said position lever is arranged at the second end of said antenna structure and that said lever guides are arranged in a stationary manner inside said frame part.

15. (Currently Amended) An arrangement for a wireless communication device, such as a mobile phone or an expansion

card, for setting and guiding an antenna structure in different positions,

wherein said antenna structure comprises a first end which is provided with an antenna part for receiving and transmitting signals, and a second end to be fitted movably inside said wireless communication device,

wherein the arrangement comprises a spring means to be fitted inside said wireless communication device, for pushing out said antenna structure,

wherein the arrangement comprises locking means for setting said antenna structure in its first position, which locking means comprise a pivoting position lever arranged to be deflected sideways and back again and arranged to be guided by lever guides, which lever guides are arranged upon inserting said antenna structure by pushing it inwards to deflect said position lever to a position which prevents the pushing out of said antenna structure, wherein locking is activated, and which lever guides are arranged upon pushing said antenna structure inwards, further than its first position, wherein locking is de-activated, to allow the return of said position lever to a position which allows the pushing out of said antenna structure to its second position, and

wherein the first position is arranged for bringing the antenna part to the inside of or closer to said wireless communication device and the second position is arranged for bringing the antenna part out of or farther from said wireless communication device; and

wherein the arrangement comprises a contact pin on the antenna structure for electrically connecting the antenna structure to a circuit board when the contact pin makes electrical contact with a first contact spring on the circuit board the first contact spring corresponding to the second position.

16. (Previously Presented) The arrangement according to claim 15, wherein said position lever is fitted at the second end of said antenna structure and that said lever guides are integrated in said wireless communication device.

17. (Previously Presented) The expansion card according to claim 1, wherein said antenna structure is movable in a direction parallel to a longitudinal direction of the antenna structure while being inserted in the card and while being extended outside the card.

18. (Previously Presented) The expansion card according to claim 1, wherein the second end of the antenna structure is arranged to ~~be movable for bringing said antenna structure partly or fully~~ inside said frame part, and farther away from an exterior of said frame part.

19. (Previously Presented) The arrangement according to claim 16, wherein a longitudinal direction of the antenna structure is parallel to a longitudinal direction of the card.

20. (Previously Presented) The arrangement according to claim 16, wherein said antenna structure is fully insertable inside the card.

21. (Previously Presented) The arrangement of claim 15 further comprising a second contact spring on the circuit board adapted to establish an electrical connection between the antenna structure board and the circuit board when the contact pin contacts the contact spring in the first position.

22. (New) The expansion card according to claim 1, wherein the contact pin is adapted to make electrical contact with the first contact spring when said antenna structure is extended.

23. (New) The expansion card according to claim 22, wherein the contact pin is adapted to make electrical contact with a second contact spring on the circuit board when said antenna structure is inserted.

24. (New) An antenna structure which is arranged to be fitted in a wireless communication device, wherein the device comprises a frame part provided with means for processing signals:

wherein said antenna structure is a rod structure comprising a first end and a second end, the first end being provided with an antenna part for receiving and transmitting signals, and the second end being adapted to be placed movably inside said frame part so that the second end is movable in relation to the frame, and which is provided with connecting

means for transferring signals between said antenna structure and said means;

wherein said antenna structure is arranged to be movable relative to said frame part of the wireless communication device by inserting the first end of the antenna structure into said wireless communication device and extending the first end outside said wireless communication device; and

wherein said antenna structure is arranged to be locked in its position with locking means fitted in connection with the second end, which locking means comprise a spring-operated pivoting position lever having a rest position maintained by a spring and arranged to be deflected sideways and back again and arranged to be guided by lever guides, which lever guides are arranged upon inserting said antenna structure to deflect said position lever from the rest position to a position which prevents the pushing out of said antenna structure when said antenna structure is again released and thereby activating locking, and are arranged upon pushing said antenna structure further inwards to allow the return of said position lever to a position which allows the pushing out of said antenna structure and said position lever to restore the spring-maintained rest position when said antenna structure is again released and thereby deactivating locking.

25. (New) The arrangement according to claim 24, wherein said position lever is fitted at the second end of said antenna structure and that said lever guides are integrated in said wireless communication device.